

User Files

This section describes user files and covers the following topics:

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- What are User Files?
 - What are User File Profiles?
 - Listing User Files
 - Modifying User Files
 - Deleting User Files
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What are User Files?

User files are created by users and are stored in the personal database. The personal database consists of one or more physical Adabas files. Each user works on one file which is determined in his profile.

The user ID of the user who created it is part of each user file name. The user ID is checked each time a transaction using a user file or with Destination USERFILE is run from a private library to make sure it is the same as the private library ID.

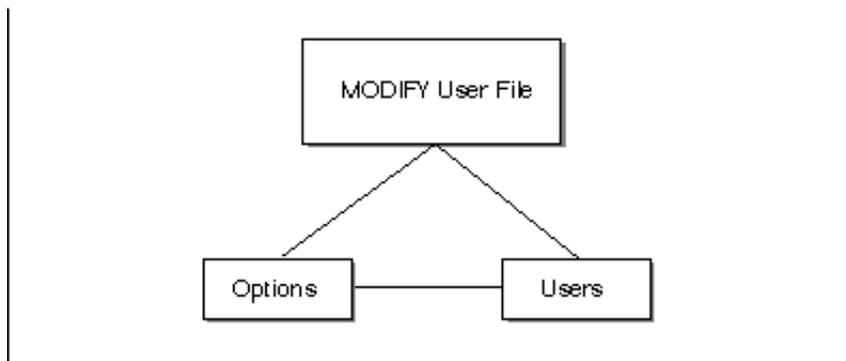
For further technical information on user files, see Personal Database in **Technical Information**.

You can use the following commands with the object User File:

	ADD	MODIFY	COPY	DELETE	INFO	IMPORT	MULTIMOD
User File		X		X			

What are User File Profiles?

User File profiles consist of file option settings and a list of the users authorized to use the file.



Note:

User File options override user options.

For further information on option hierarchy, see User Profile, Option and Adabas Password Hierarchies in **Technical Information**.

Listing User Files

▶ To obtain a list of existing user files:

- Issue the USERFILE command.

Or:

Select the object User File from the Administration Menu.

The User File List screen appears:

```

14:43          ***** Super Natural *****          1999-05-21
SBE              - User File List -                      SNMDL
                                                More:  - +

      Cmd  User File Name          DB  FNO
      *-----*
      ___  UF-HAH-A21                10  90
      ___  UF-HAH-A22                10  90
      ___  UF-HAH-A23                10  90
      ___  UF-HAH-A24                10  90
      ___  UF-HAH-A26                10  90
      ___  UF-HAH-A27                10  90
      ___  UF-HAH-A28                10  90
      ___  UF-HAH-A29                10  90
      ___  UF-HAH-A3                 90
      ___  UF-HAH-A30                10  90
      ___  UF-HAH-A31                10  90
      ___  UF-HAH-A32                10  90
      ___  UF-HAH-A33                10  90

Cmd(s): Modify, Delete
Select one command from list
Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help      Exit      Flip      +      Canc
    
```

Modifying User Files

▶ To modify a user file:

- Issue the MODIFY USERFILE *name* command.

The Modify User file >Options screen appears. You can either modify the file options or modify the user list.

For information on navigating between profile setting groups, see >Navigation in **Introduction**.

Note:

Users must restart their Super Natural sessions before your modifications are valid. Your modifications are valid for all new transactions but not for existing ones.

Options

User file options override user options.

For further information on option hierarchy, see User Profile, Option and Adabas Password Hierarchies in **Technical Information**.

▶ To specify the Options

1. Choose >Options, the Modify User File >Options screen appears:

```

14:44                ***** Super Natural *****                1999-05-21
SBE                  - Modify File UF-HAH-A23 >Options -                SRMFMO

                _ Display Options
                _ Database Access
                _ User File Expiration Date

>Users
Mark function(s) or select by cursor
Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
                Help          Exit          Flip          Canc

```

2. Mark the group(s) of options you want to modify.
3. Press Enter.
4. Overtyping the options you want to modify if you are modifying a user file.

OR

5. Type settings if you are adding a user file.
6. Press Enter.

You modifications/entries are saved.

When you link a user to a user, file the file has no option settings and no user list. The individual file settings which are part of each user profile are valid for users when accessing this user file if you leave the options settings and/or the user list blank. Otherwise, options set for a user file in its user file profile override options set for it in a user profile.

You can modify the following options:

Display Options

Option	Description
Prefix for Inverse Field Output	Prefix used for files with both fields in regular and inverse format. See Super Natural in Inverse Mode in Setting Up Super Natural in the <i>Super Natural Installation documentation</i> . The default value is blank .
Display Occurrences (Multiple Value Field)	The default number of occurrences (i.e. values) that are to be displayed for a field defined as a multiple value field. The default setting is 1.
Display Occurrences (Periodic Group)	The default number of occurrences that are to be displayed for a field contained within a periodic group. The default setting is 1.
Suppress Numeric Sign	"Y" indicates that the sign of a numeric field is to be suppressed on the transaction report. "N" indicates that the signs of numeric fields are not to be suppressed. The default setting is N.
Run Modes Available	"ONLINE" run mode allows users to access the file online. "BATCH" run mode allows users to access the file in batch operation.

Database Access

Option	Description
Physical Read Allowed	"Y" indicates that a physical read of an entire file is allowed in the case of a transaction in which the selection criteria specified requires such. "N" indicates that a physical read of an entire file is not allowed. The default setting is Y. This option allows separate settings for online and batch run mode. This option must be "N" for DL/ I files.
Non-Descrptor Criteria Allowed	"Y" indicates that a transaction may use selection criteria that contain non-descriptors, i.e., fields that have not been defined as key fields. "N" indicates that the transaction may only use selection criteria comprised of key fields. The default setting is Y . This option allows separate settings for online and batch run mode.
Maximum Number of Criteria	The maximum number of criteria permitted within a transaction . The default setting is 99 . This option allows separate settings for online and batch run mode.
Adabas Sorting Allowed	"Y" indicates that the Adabas internal sort feature may be used for a transaction that contains sort criteria comprised of one to three key fields. "N" indicates that the Adabas internal sort feature may not be used. The default setting is Y . This option allows separate settings for online and batch run mode. This option must be "N" for DL/ I files.
Buffer/External Sorting Allowed	"Y" indicates that a buffer or external sort feature may be used. "N" indicates that a buffer or external sort feature may not be used. The default setting is Y . This option allows separate settings for online and batch run mode.
Adabas Password	If an Adabas file that is security protected is to be available to Super Natural transactions, the password for the file must be provided. See the <i>Adabas Security documentation</i> for additional information on Adabas security.
Adabas Cipher Code	If an Adabas file that is ciphered is to be available to Super Natural transactions, the cipher code for the file must be provided. See the <i>Adabas Security documentation</i> for additional information on Adabas ciphering.

User File Expiration Date

The User File Expiration Date window contains the following information about the user file:

Information	Description
User File Name	The name of the user file as assigned by the user.
User File DBID	Physical ID of the Adabas database used to store the user file (see User File Adabas Database ID in User profile).
User File Number	Number of the Adabas file used to store the user files (see User File Adabas File Number in User profile).
User	ID of the user who created the user file.
Description	Three-line description entered by user creating the file.
Created	"on:" Date of creation "at : "Time of creation
Status	Status of the file as follows: "IN USE" Field definitions (and possibly data) exist for this file "DATA DEL" Field definitions exist. Data has been cleared "FILE DEL" File has been deleted logically but can still be retrieved ***** Deletion currently in process.
Record Count	Number of records contained in the file.

You can set an expiration date for the file.

Option	Description
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Expiration Date	Type the file expiration date in the format YYYY-MM-DD.
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Users

When you choose >Users, the Modify User File >Users screen appears as in the following example:

```

14:44          ***** Super Natural *****          1999-05-21
SBE           - Modify File UF-HAH-A23 >Users -          SRMFMU
                                           More:  -

      Cmd  User      Access  Password
      *-----*
      ___  AA1       R
      ___  AA2       D
      ___  AA3       U
      ___  AA4       R      <
      ___
      ___
      ___
      ___
      ___
      ___
      ___
      ___
      Add  _____  Add Multiple:  _

>Options
Cmd(s): Add, Modify, Delete
Link to User modified
Command ==>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help      Exit      Flip      +      Canc

```

The Modify User File >Users screen displays the following information:

- Users which are authorized to use the user file you are modifying
- Code for the data access level the user has for each
- Whether the user has an Adabas password for password protected user files.

You use the Modify User File >Users screen to link users to (authorize them to use) the user file you are modifying/adding or to modify or delete existing links.

If you are adding a user file, the User File>Users screen is empty.

Adding / Linking Single Users to a User File

To add (link) a user to a user file:

1. Issue the ADD USER *name* command.

The Add/Modify Link to User window appears:

```

11:35                ***** Super Natural *****                1999-05-24
                        - Modify File UF-HAH-A23 >Users -                SRMFMU

      Cmd  User      Access  Password      +--Add/Modify Link to User--+
      * _____
      ___ AA1        R
      ___ AA2        D
      ___ AA3        U
      ___ AA4        R      <
      ___
      ___
      ___
      ___
      +-----+
    
```

2. Determine the user’s access level to the user file by typing one of the following codes in the Access field:

File Access Code	Description
R	Read only
U	Update (includes read). The user can update existing records in this file. Not available underNatural Security.
A	Add (includes update). The user can add new records to this file. Not available underNatural Security.
D	Delete (includes add). The user can delete records in this file.
F	Indicates that the user created the file.

3. Enter a password in thePassword field (optional).

Users who do not have the same password can not access transactions in public or common libraries created by this user using this user file.

For further information on passwords, see User Profile, Option and Adabas Password Hierarchies in **Technical Information**.

4. Press Enter.

The user is now authorized to use the user file at the access level specified.

Adding / Linking Multiple Users to a User File

To link multiple users to a user file:

1. Mark the Add Multiple field on theModify User File >User screen.

The user is now authorized to use the user file at the access level specified.

Deleting Links to Users

You can delete the link from the user file to a user, the access code and Adabas password for user files the user is already authorized to use.

▶ To delete a user file from the user file list:

1. Issue the `DELETE user-id` command.
2. Confirm the deletion in the window which appears.

The user named is no longer authorized to the user file.

Deleting User Files

User files can be deleted online and in batch.

▶ To delete a user file online:

1. Issue the `DELETE USERFILE userfile-name` command.
2. Confirm the deletion in the window which appears.

▶ To delete a user file in batch:

- Use the program `SNDELUF` in library `SYSSN` as described in the section **Batch Utilities**.

